

INTERNATIONAL COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 32319 PC01	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/DK 03/00512	International filing date (day/month/year) 25/07/2003	(Earliest) Priority Date (day/month/year) 26/07/2002
Applicant OBI APS		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established by this Authority to read as follows:

METHOD, SYSTEM AND DEVICES FOR CONVERTING VENOUS BLOOD VALUES TO ARTERIAL BLOOD VALUES

5. With regard to the abstract,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- ☒ as suggested by the applicant.
- ☐ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.
- ☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 03/00512

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: **1-17**
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-25

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-25

A method and system for estimating/calculating arterial blood values from a venous blood sample, claims 1-25.

2. Claims: 26-30

A device for anaerobic drawing of venous blood reducing residual gases in the blood sample claims 26-30.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Claims Nos.: 1-17

Claims 1-17 relate to a diagnostic method practised on the human body, in this case a method for blood evaluation useful for treatment of ill patients. Thus, the International Search Authority is not required to carry out an international search for these claims (PCT Rule 39.1(iv)). Nevertheless, a search has been executed for claims 1-17 based on the described system in claims 18-25.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK 03/00512A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B5/145 G01N33/49

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, MEDLINE, BIOSIS, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	US 2002/120185 A1 (JOHNSON ROYCE) 29 August 2002 (2002-08-29) abstract; figures 1-3 ---	1-25
A	US 6 206 830 B1 (KIANI-AZARBAYJANY ESMAIEL ET AL) 27 March 2001 (2001-03-27) the whole document ---	1-25
A	US 6 163 715 A (REUSS JAMES L ET AL) 19 December 2000 (2000-12-19) abstract; figures 1,2 ---	1-25
A	WO 00 45702 A (KJAERGAARD SOEREN CHRISTENSEN ; REES STEPHEN EDWARD (DK); THORGAARD) 10 August 2000 (2000-08-10) page 16, line 10 - line 17 page 17, line 17 - page 18, line 30 abstract; figures 4,10 ---	1-25
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 October 2003

Date of mailing of the international search report

07. 04. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pär Moritz

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 93/00512

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 687 718 A (FISCHER BERNHARD ET AL) 18 November 1997 (1997-11-18) column 1, line 5 - line 11; figures 1,2 ---	1-25
A	S.E. REES ET AL: "A dynamic model of carbon dioxide transport in the blood" IFAC SYMPOSIUM ON MODELLING AND CONTROL IN BIOMEDICAL SYSTEMS, 23 - 26 March 1997, XP002258602 Warwick, England cited in the application page 57 -page 62 ---	1-25
A	STEPHEN E. REES ET AL: "Acid-base chemistry of the blood - a general model" COMPUTER METHODS AND PROGRAM IN BIOMEDICINE, vol. 51, 1996, pages 107-119, XP002258603 ISSN: 0169-2607 cited in the application the whole document -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DE 03/00512

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002120185	A1	29-08-2002	NONE	
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